



胡铭远

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21 | Male
Fresh graduates | Backend, client



大连理工大学
Dalian University Of Technology

EDUCATION

University of Bristol QS Top100 Sep 2024 - Sep 2025
Immersive Technology (Virtual Reality)(MSc) Master College of Computer Science Bristol

Dalian University of Technology 985 211 Double 1st-Class Sep 2021 - Jun 2025
Software Engineering Bachelor Software Academy Dalian

- GPA:3.5/4 (professional top 20%)
- Related courses: computer networks, data structures, operating systems, software engineering, advanced C network programming, Java advanced programming
- Honors/Awards: School-level outstanding members

PROJECT EXPERIENCE

Lightweight Linux-based web server Dec 2023 - Mar 2024
Independent development

- Project Description:**
Under Linux environment using C development of lightweight Web server, can support a certain number of clients concurrent access and timely response, support the basic functions of web pages such as access to pictures, videos and other file resources
- Main work:**
 - Use Socket for network programming, realize the basic function of network communication
 - Use epoll technology to realize I/O multiplexing, improve Web server performance
 - Realize thread pool, can improve parallel service quantity
- Personal gains:**
 - For Socket basic network programming has a certain understanding, while understanding the epoll technology
 - Familiar with C development in Linux environment, and have a preliminary understanding of the basic principles of Linux multithreaded server

Work and internship experience

Beijing Sankuan Technology Co., Ltd. (Meituan) May 2024 - Sep 2024
Hongmeng client development intern Business container group Beijing

- Internship Introduction**
Based on the open source React Native framework transformation and improvement, Huawei side provides ReactNativeOpenHarmony methods, responsible for the development of Hongmeng side components and bridges.
- Internship content**
 - Development of Hongmeng test pull-down refresh components, reference to Hongmeng test three-party library MJRefresh, according to the business requirements for code writing, to ensure three-terminal unity
 - Get View State Bridge
 - Provide business-side custom debug capability
 - Engine management panel design and implementation
 - Business Package Lock Package Function Implementation
- Internship harvest**
 - Learning C client work content, RN in Hongmeng test implementation, and cooperation company technical communication, Hongmeng end development has a more in-depth understanding
 - Learning React Native and other in the development process can use the basic knowledge;
 - With a solid Hongmeng development foundation, including life cycle, event transmission mechanism, custom view, etc.;
 - Proficient in Hongmeng process communication between the various implementations, including Bundle, Socket, etc.;

Experience outside of work

Dalian university of technology speech and debate association Aug 2022 - Present
President Dalian University of Technology Dalian
Responsible for organizing large-scale competitions, regular meetings, team training arrangements and personnel distribution and division of labor.

Software Academy Office Sep 2022 - Jun 2023
Deputy Director School of Software, Dalian University of Technology Dalian
Responsible for arranging the deployment of school sports venues, arranging and managing school bus shifts, classroom borrowing, etc.

SKILLS LIST

- Familiar with C object-oriented programming, familiar with templates and STL applications, familiar with C 11 features;
- Familiar with Linux vim development environment, understand network programming;
- Familiar with process, thread, lock, I/O and other operating system principles;
- Familiar with OSI seven-layer model and TCP/IP four-layer system layered structure, familiar with TCP three-way handshake, four waves, flow control, congestion control and other means;
- Familiar with commonly used data structures (linked list, stack, queue, binary tree, etc.), skilled use of sorting, greedy, dynamic



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planning and other algorithms;

- Knowledge of Java programming, familiar with Maven framework, MyBatis, Python and Golang, Django framework;
- Understanding of MySQL, proficiency in writing basic SQL statements;
- Master JetBrains, DevEco, VS various development tools, familiar with the use of Git and Github/Gitlab warehouse for collaborative development;
- Master Maya, Unity and other modeling tools, familiar with VR, MR and other immersion technology creation process.

SUMMARY

- Have strong information retrieval ability, good at solving intractable diseases, through Google/Github and other foreign forums to solve technical problems;
- In the development of the treatment of the problem with a serious study spirit, can be in a short time to solve the problem and understand the knowledge points, and strictly require their own normative writing code;
- Able to quickly integrate into the new environment, unity and friendliness, life optimistic and positive, maintain a positive attitude.

MISCELLANEOUS

- **Read the books:** Linux Bird Brother Private Cuisine; Programmer's Cultivation-Link, Load and Library; Effective C ;C Primer Plus; In-depth understanding of computer systems
- **Certifications:** IELTS IELTS 7 points; Huawei Micro Certification: Kunpeng Development Kit DevKit Skills Certification.
- **Languages:** English (fluent)

